



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**CLASS A**  
**BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

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WGBH EDUCATIONAL FOUNDATION  
1 GUEST STREET  
BOSTON MA 02135

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Hossein Hashemzadeh  
Associate Chief  
Video Division  
Media Bureau

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Facility Id: 64833  
Analog TSID: 7018  
Digital TSID: 7019  
Call Sign: WFXZ-CD  
License File Number: BLTTL-19990915AVK

Grant Date: October 25, 1999  
This license expires 3:00 a.m.  
local time, April 01, 2007.

This License Covers Permit No.: BMPTTL-19980529JD

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: WFXZ-CD

License No.: BLTTL-19990915AVK

Name of Licensee: WGBH EDUCATIONAL FOUNDATION

Station Location: MA-BOSTON

Frequency (MHz): 530 - 536

Offset: PLUS

Channel: 24

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 74.750 of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Description: ANT ODD980529JD

Major lobe directions                      70  
(degrees true):

Beam Tilt: Not Applicable

Antenna Coordinates: North Latitude:        42 deg   18 min   27 sec

West Longitude:        71 deg   13 min   27 sec

Maximum Effective Radiated Power (ERP) Towards Radio Horizon: 26 kW

Maximum ERP in any Horizontal and Vertical Angle: 26 kW

Height of radiation center above ground:                      262 Meters

Height of radiation center above mean sea level:    292 Meters

Antenna structure registration number: 1004623

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1    This authorization is subject to the condition that low power television is a secondary service, and that low power television and television translator stations must not cause interference to the reception of existing or future full service television stations on either allotted NTSC or DTV channels, and must accept interference from such stations.

\*\*\*    END OF AUTHORIZATION    \*\*\*